

CSWC Operational Period Summary

1800 April 09 2016 to 0600 April 10 2016



Poppies and Lupine, Tejon Ranch, Kern County

Photo Credit: Jim Patterson Photography / Flickr



Cal OES
GOVERNOR'S OFFICE
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National News – Significant Events

Kepler spacecraft in trouble 75 million miles from Earth

(CNN) — NASA's Kepler is in trouble -- far, far away. The telescope that searches for habitable planets in outer space went into emergency mode 75 million miles away from home, leaving engineers scrambling. Mission engineers discovered Kepler was in distress during a scheduled contact Thursday. In emergency mode, Kepler exhausts its power supply faster, making recovering it a priority. "Emergency mode is the lowest operational mode and is fuel intensive," NASA said. Fixing the telescope is a challenge. At such a far distance, communication is slow because Kepler's signals don't travel instantaneously. "Even at the speed of light, it takes 13 minutes for a signal to travel to the spacecraft and back," NASA said. Since NASA launched the Kepler telescope in 2009, it's been one busy spacecraft. Its goal is to survey the Milky Way to determine how many stars in our galaxy might have habitable planets, according to NASA. Exoplanets --- or planets orbiting other stars -- are a dime a dozen. But Kepler goes the extra mile to determine if they are habitable. Just last year, the Kepler mission confirmed a planet in the "habitable zone" around a sun-like star -- which NASA referred to as Earth's older cousin. During its first mission completed in 2012, Kepler detected nearly 5,000 exoplanets. More than 1,000 have been confirmed, according to NASA. Two years ago, NASA began Kepler's second mission. Under this mission, it searches for exoplanets and research opportunities to study young stars and other astronomical objects. Kepler is not new at this trouble thing. In 2012, it lost one of its four reaction wheels used for balancing the spacecraft.

International News – Significant Events

India temple fire: At least 98 people killed

(CNN) A fireworks display exploded during a festival at an Indian temple early Sunday, killing 98 people, authorities said. More than 260 people were injured, said A. Shainamol, an official in the southern city of Kollam, where the blaze occurred. The fire started at 3:15 a.m. local time at the Puttingal temple in Kerala state. Sparks from the display caused a magazine of fireworks to erupt, causing a bigger blaze, said K. Lalji, a local police official. The temple did not have permission for the fireworks celebration, according to M.S. Santosh, another police official. Lalji said the fire is out and emergency personnel are at the scene. The worshipers were celebrating a local temple festival, according to P. Prakash, the Kollam police commissioner. It's not uncommon for people to pray at temples early in the morning in southern India. Rescue operations are underway, though it's unclear whether anyone is still inside the temple. Indian Prime Minister Narendra Modi said he plans to visit the site of the fire. "I will be reaching Kerala soon to take stock of the situation arising due to the unfortunate fire tragedy," he tweeted. His office said those injured in the temple fire will receive 50,000 rupees (\$751) in compensation.

SITUATION SUMMARY

Weather of Concern

Northern California

- Showers are likely over Northern California as disturbances pivot around the top of the low.
- Isolated afternoon thunderstorms will be possible as well mainly over the Sierra Cascade range and foothills and over the San Joaquin valley.

Southern California

- There is the possibility of local heavy rain, especially with any thunderstorms.
- A flash flood watch continues for the burn areas of Los Angeles and Ventura Counties through this afternoon.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/www_bc_cal.php

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought

Weather

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:

Medford Weather:

Bureau of Land Management lightning data indicates 450 flashes occurred in the forecast area in just the last 12 hours. These flashes were along and near the cascades and Trinity Alps Eastward. Rainfall amounts were mostly a quarter of an inch or less, but a few locations including Tule Lake, the Mount Shasta ski bowl (where 132 inches of snow still lies), and portions of Modoc County received 0.30" to 0.80". At this hour isolated light showers exist in the Tule Lake basin southwest to the Shasta valley. Low pressure partially responsible for the shower and thunderstorm activity of the last 3 days from the cascades and marble mountains eastward is now about to move onshore near the US/Mexico border. Meanwhile, mid-level high pressure is inching inland north of us as weak troughing squeezes eastward toward the coast from the gulf of Alaska.

Eureka Weather:

A series of weak systems will bring periods of occasional light rain through Wednesday. Wednesday night and Thursday a stronger and unseasonably cold system will bring heavier rain and snow. Friday into the weekend will see high pressure bringing warm and dry conditions.

Reno Weather:

Low pressure will move over far southern California and Nevada today. Moist wrap-around flow will bring some showers and possibly a few thunderstorms to eastern California and Western Nevada today. Monday and Tuesday, the coverage of showers wanes as modest ridging builds overhead. For mid to late week, a stronger and colder system will bring breezy conditions with chances for rain and snow.

San Francisco Weather:

Scattered showers will gradually taper off today and tonight and mostly end by Monday. Dry conditions along with seasonable temperatures are forecast from Monday through most of Wednesday. The next weather system will bring rain chances to the region from Wednesday evening into Thursday. Dry conditions and warmer temperatures are then expected late in the week and into next weekend.

Sacramento Weather:

A low pressure system will bring showers to the north state thru the weekend with isolated thunderstorms possible. Mountain showers will likely continue early this week with another round of showers over the entire north state around mid-week. Snow levels remain high for minimal mountain travel impacts.

Weather

WEATHER SYNOPSIS BY REGION:

CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY:

Hanford Weather:

A series of pacific storm systems will move inland across California during the next several days. Scattered showers and isolated thunderstorms are expected across the central California interior through the weekend with snow over the high sierra. Temperatures will lower to seasonable levels with little day to day change through early next week.

SOUTHERN CALIFORNIA:

Los Angeles Weather:

Low pressure will produce showers and isolated thunderstorms for parts of the area through Monday. Dry weather will return by Tuesday as low pressure moves east. Low pressure moving through the great basin may bring isolated showers to interior areas late next week. Warmer weather is possible for next weekend as high pressure returns.

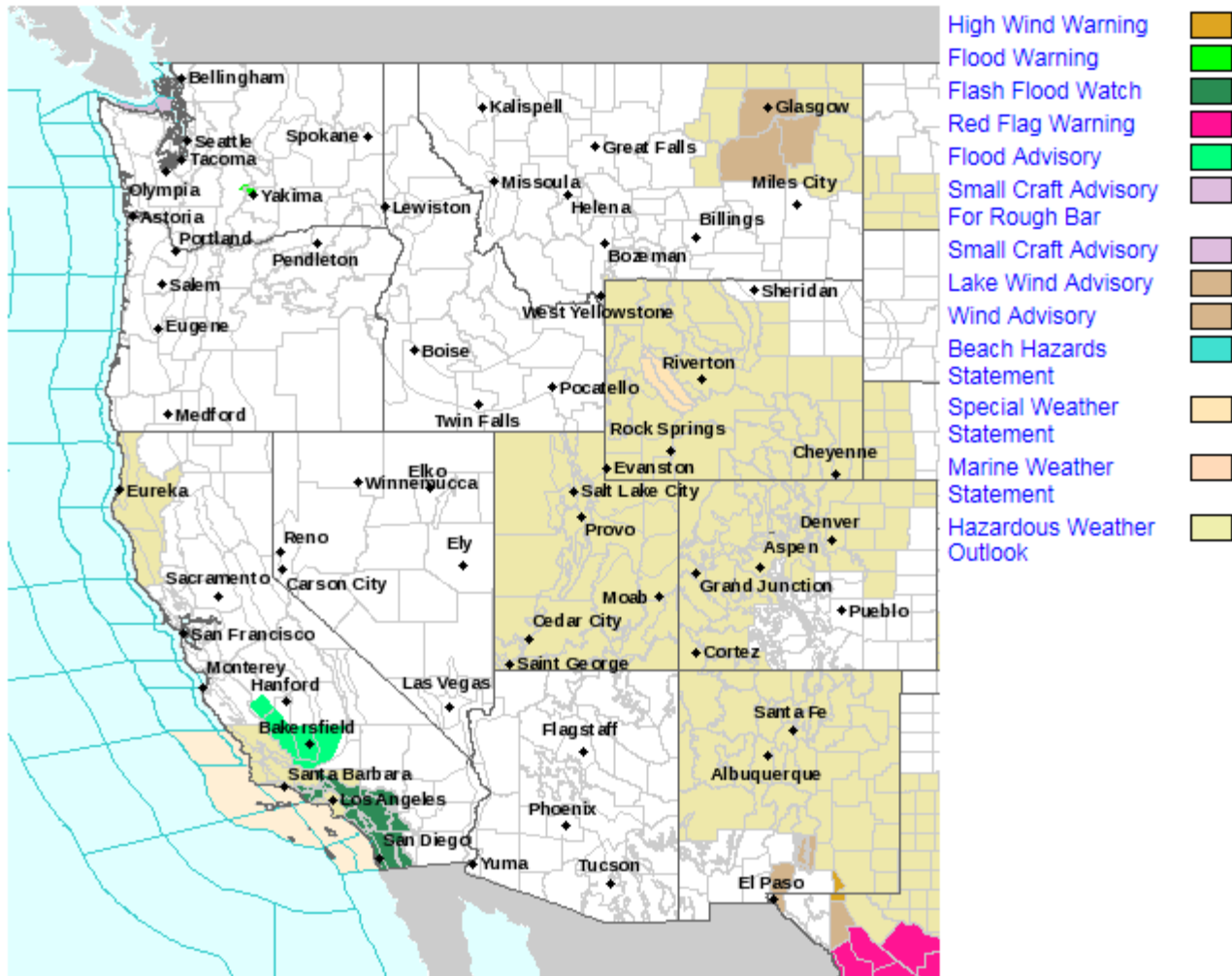
Extreme Southwestern California including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:

A pair of low pressure systems will continue shower chances into early Tuesday with the potential for any heavier rainfall greater today. Dry and a little warmer for Wednesday. Cooler for Thursday and Friday with strong gusty west winds in the mountains and deserts and small chances for precipitation as a low pressure system moves inland through the great basin. Warmer and dry for next weekend as high pressure along the West Coast strengthens.

Southeast California Weather:

A pacific storm will move through the region today resulting in scattered showers and a few thunderstorms. Possibly heavy thunder storm rain is forecast in the vicinity of Phoenix this afternoon. Partly clearing is expected tonight however another Pacific weather system is forecast to move into the region late Monday and Monday night. Dry and warmer weather will return next Tuesday through Thursday but another pacific weather system is likely next Friday and Friday night.

STATE WEATHER MAP



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FIRE ACTIVITY

Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>



CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

Local Emergency Proclamations:

A total of 59 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 25 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 12 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 10 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.